

## CLAIMS

What is claimed is:

- 1 1. A method for automatically entering information into form fields
- 2 comprising the steps of:
  - 3 invoking a application program in response to an indication from a user of
  - 4 a mobile device to do so;
  - 5 scanning content transmitted from the application program to the mobile
  - 6 device to find a form having at least one field into which information is to
  - 7 entered;
  - 8 retrieving and entering information to enter into the at least one field, if at
  - 9 least one mapping for the form exists; and
  - 10 transmitting the form including the entered information to the mobile
  - 11 device for display to the user.
- 1 2. The method of claim 1, further comprising the steps of:
  - 2 receiving at least one edit made by the user of the mobile device of the
  - 3 entered information; and
  - 4 transmitting the form including the edited entered information to the
  - 5 application program.

1    3.    The method of claim 2, wherein the mapping for the form comprises  
2    information mapping at least one field of the form into which information is to be  
3    entered to stored information.

1    4.    The method of claim 3, further comprising the step of:  
2                 creating information mapping at least one field of the form into which  
3    information is to be entered to stored information based on the received selection  
4    of information made by the user, if no mapping existed for the at least one field.

1    5.    The method of claim 4, further comprising the step of:  
2                 updating information mapping at least one field of the form into which  
3    information is to be entered to stored information based on the received selection  
4    of information made by the user, if the entered information was edited by the  
5    user.

1    6.    The method of claim 3, further comprising the steps of:  
2                 transmitting the form to the mobile device, if no mappings for the form  
3    exist;  
4                 receiving at least one selection of information to be entered into the at  
5    least one field of the form into which information is to be entered made by the  
6    user of the mobile device; and

7 transmitting the form including the selected information to the application  
8 program.

1 7. The method of claim 6, further comprising the step of:  
2 creating information mapping at least one field of the form into which  
3 information is to be entered to stored information based on the received selection  
4 of information made by the user.

1 8. The method of claim 1, further comprising the steps of:  
2 transmitting the form to the mobile device, if no mappings for the form  
3 exist;  
4 receiving at least one selection of information to be entered into the at  
5 least one field of the form into which information is to be entered made by the  
6 user of the mobile device; and  
7 transmitting the form including the selected information to the application  
8 program.

1 9. The method of claim 8, further comprising the step of:  
2 creating information mapping at least one field of the form into which  
3 information is to be entered to stored information based on the received selection  
4 of information made by the user.

1    10. A system for automatically entering information into form fields  
2 comprising:

3                 a processor operable to execute computer program instructions; and  
4                 a memory operable to store computer program instructions executable  
5 by the processor, for performing the steps of:

6                 invoking an application program in response to an indication from a user  
7 of a mobile device to do so;

8                 scanning content transmitted from the application program to the mobile  
9 device to find a form having at least one field into which information is to  
10 entered;

11                 retrieving and entering information to enter into the at least one field, if at  
12 least one mapping for the form exists; and

13                 transmitting the form including the entered information to the mobile  
14 device for display to the user.

1    11. The system of claim 10, further comprising the steps of:

2                 receiving at least one edit made by the user of the mobile device of the  
3 entered information; and

4                 transmitting the form including the edited entered information to the  
5 application program.

1    12. The system of claim 11, wherein the mapping for the form comprises  
2    information mapping at least one field of the form into which information is to be  
3    entered to stored information.

1    13. The system of claim 12, further comprising the step of:  
2                 creating information mapping at least one field of the form into which  
3    information is to be entered to stored information based on the received selection  
4    of information made by the user, if no mapping existed for the at least one field.

1    14. The system of claim 13, further comprising the step of:  
2                 updating information mapping at least one field of the form into which  
3    information is to be entered to stored information based on the received selection  
4    of information made by the user, if the entered information was edited by the  
5    user.

1    15. The system of claim 12, further comprising the steps of:  
2                 transmitting the form to the mobile device, if no mappings for the form  
3    exist;

4 receiving at least one selection of information to be entered into the at  
5 least one field of the form into which information is to be entered made by the  
6 user of the mobile device; and  
7 transmitting the form including the selected information to the application  
8 program.

1 16. The system of claim 15, further comprising the step of:  
2 creating information mapping at least one field of the form into which  
3 information is to be entered to stored information based on the received selection  
4 of information made by the user.

1 17. The system of claim 10, further comprising the steps of:  
2 transmitting the form to the mobile device, if no mappings for the form  
3 exist;  
4 receiving at least one selection of information to be entered into the at  
5 least one field of the form into which information is to be entered made by the  
6 user of the mobile device; and  
7 transmitting the form including the selected information to the application  
8 program.

1 18. The system of claim 17, further comprising the step of:

2 creating information mapping at least one field of the form into which  
3 information is to be entered to stored information based on the received selection  
4 of information made by the user.

1 19. A computer program product for automatically entering information into  
2 form fields comprising:

3 a computer readable medium;  
4 computer program instructions, recorded on the computer readable  
5 medium, executable by a processor, for performing the steps of

6 invoking a application program in response to an indication from a user of  
7 a mobile device to do so;

8 scanning content transmitted from the application program to the mobile  
9 device to find a form having at least one field into which information is to  
10 entered;

11 retrieving and entering information to enter into the at least one field, if at  
12 least one mapping for the form exists; and

13 transmitting the form including the entered information to the mobile  
14 device for display to the user.

1 20. The computer program product of claim 19, further comprising the steps  
2 of:

3 receiving at least one edit made by the user of the mobile device of the  
4 entered information; and  
5 transmitting the form including the edited entered information to the  
6 application program.

1 21. The computer program product of claim 20, wherein the mapping for the  
2 form comprises information mapping at least one field of the form into which  
3 information is to be entered to stored information.

1 22. The computer program product of claim 21, further comprising the step  
2 of:  
3 creating information mapping at least one field of the form into which  
4 information is to be entered to stored information based on the received selection  
5 of information made by the user, if no mapping existed for the at least one field.

1 23. The computer program product of claim 22, further comprising the step  
2 of:  
3 updating information mapping at least one field of the form into which  
4 information is to be entered to stored information based on the received selection  
5 of information made by the user, if the entered information was edited by the  
6 user.

1    24. The computer program product of claim 21, further comprising the steps  
2    of:

3                 transmitting the form to the mobile device, if no mappings for the form  
4    exist;

5                 receiving at least one selection of information to be entered into the at  
6    least one field of the form into which information is to be entered made by the  
7    user of the mobile device; and

8                 transmitting the form including the selected information to the application  
9    program.

1    25. The computer program product of claim 24, further comprising the step  
2    of:

3                 creating information mapping at least one field of the form into which  
4    information is to be entered to stored information based on the received selection  
5    of information made by the user.

1    26. The computer program product of claim 19, further comprising the steps  
2    of:

3                 transmitting the form to the mobile device, if no mappings for the form  
4    exist;

5 receiving at least one selection of information to be entered into the at  
6 least one field of the form into which information is to be entered made by the  
7 user of the mobile device; and  
8 transmitting the form including the selected information to the application  
9 program.

1 27. The computer program product of claim 26, further comprising the step  
2 of:

3 creating information mapping at least one field of the form into which  
4 information is to be entered to stored information based on the received selection  
5 of information made by the user.